

High-Speed Disk Drive System

Abstract of Disclosure

A high-speed disk drive system that features significant performance improvements over previously available systems. By immediately fetching the data as soon as heads reach the destination cylinder, internally stripping the data across the surfaces and plurality of read/write heads on every surface the data transfer speeds many times depending on other characteristics of the system. By implementing plurality of read/write heads and internal parity surfaces or distributed parity blocks/zones the system achieves higher reliability (fault resistance) with head and surface fail-over fail-safing.

Figures